

Analyzing the Geometry of Eclipses

Recognizes Key Concepts

- A. Using the data and charts on p.80, about how often do lunar and solar eclipses occur each year?

- B. Using the data for 2002-2004, count the number of days between each solar and lunar eclipse. Is there a pattern? What do you notice? Why do you think this is?

Applies and Interprets Content

- C. Using complete sentences and details in your response, please explain why we don't have a solar and lunar eclipse each month.

Define the following terms:

Umbra-

Penumbra-